

WHAT IS CLAIMED IS:

1. A small laminate article having high curvature comprising a plasticized PVB resin interlayer wherein the PVB resin consists essentially of:
5 polyvinylbutyral having a hydroxyl number of from about 15 to about 25; a plasticizer or plasticizer mixture present in a finite amount of less than about 30 pph based on the dry weight of the resin composition; a surfactant; and optionally including either (i) a PVB
10 bleaching compound, or (ii) an antioxidant, or (iii) both (i) and (ii), wherein the interlayer was obtained after extrusion at a temperature in the range of from about 225°C to about 245°C, and wherein the interlayer has a yellowness index (YID) color of less than about
15 12.

2. The article of Claim 1 wherein the surfactant is DOSS.

20 3. The article of Claim 1 wherein the PVB resin includes a bleaching compound.

4. The article of Claim 3 wherein the bleaching compound is DOSS.
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5. The article of Claim 4 wherein the article is a laminate comprising at least one layer of PVB and at least one layer of glass wherein the PVB layer has a thickness in the range of from about 0.254 mm to about
30 1.6 mm.

6. The article of Claim 5 wherein the laminate comprises more than one PVB interlayer, and wherein the combined thickness of the PVB interlayers is in the
35 range of from about 0.75 to about 1.6 mm.

7. The article of Claim 5 wherein the laminate is useful as aircraft glass.

8. The article of Claim 5 wherein the laminate
5 is obtained by a process comprising the steps of: (i)
putting together at least one layer of curved specialty
glass with at least one layer of PVB of the present
invention to make a glass/PVB assembly; (ii) placing
the assembly into a bag capable of sustaining a vacuum;
10 (iii) drawing air out of the bag using a vacuum line or
other means of pulling a vacuum on the bag; (iv)
sealing the bag while maintaining the vacuum; (v)
placing the sealed bag in an autoclave at a temperature
of from about 130°C to about 180°, at a pressure of
15 from about 200 psi (15 Bars), for from about 10 to
about 50 minutes.